

(C) WPI / DERWENT

AN - 1988-094820 [14]
AP - JP19860189810 19860813; JP19860189810 19860813; [Based on J63044895]
CPY - KYOW
DC - B04 D16
FS - CPI
IC - C07K15/04 ; C12N5/00 ; C12N15/06 ; C12P21/08 ; C12R1/91 ; G01N33/53 ;
G01N33/577
MC - B04-B04C5 B12-K04A D05-H09 D05-H11
M1 - [01] M423 M710 M903 P831 Q233 V600 V611; 3102-R
PA - (KYOW) KYOWA HAKKO KOGYO KK
PN - JP63044895 A 19880225 DW198814 006pp
- JP5070438B B 19931005 DW199342 C12P21/08 006pp
PR - JP19860189810 19860813
XA - C1988-042626
XIC - C07K-015/04 ; C12N-005/00 ; C12N-015/06 ; C12P-021/08 ; C12R-001/91 ;
G01N-033/53 ; G01N-033/577 ; (C12P-021/08 C12R-001/91)
XP - N1988-071709
AB - J63044895 Monoclonal antibody which reacts with amyloid A protein and
a peptide of His-Ala-Arg-Gly-Asn-Tyr- Asp-Ala-Ala-Lys-Arg and which
does not react with peptides of Arg-Ser-Phe-Phe-Ser-Phe-Leu-Gly-Glu-A
la-Phe-Asp, Glu-Ala-Ile-Ser-Ala- Arg-Glu-Asn-Ile-Gln,
Gln-Arg-Phe-Phe-Gly- His-Gly-Ala-Glu-Asn-Ser and
Arg-Asp-Met-Trp-Arg-Ala-Tyr-Ser-Asn-Met -Arg.
- Amyloid A protein has 76 amino acid residues. Synthetic peptides of
Arg 1 to Asp 12 (Arg-Ser-Phe-Phe-Ser-Phe- Leu-Gly-Glu-Ala-Phe-Asp),
Arg 15 to Arg 25 (Arg-Asp-Met-Trp-Arg- Ala-Tyr-Ser-Asn-Met-Arg), His
37 to Arg 47 (His-Ala-Arg-Gly-Asn-Tyr-Asp-Ala-Ala-Lys-Arg), Glu 56 to
Gln 66) (Glu-Ala-Ile-Ser-Asp- Ala-Arg-Glu -Asn-Ile-Gln) and Gln 66 to
Ser 76 (Gln-Arg-Phe-Phe-Gly-His-Gly-Ala-Glu-Asn-Ser), which is named
peptide 1, peptide 2, peptide 3, peptide 4 and peptide 5, respectively
are used to immunise mouse.
- USE/ADVANTAGE - Amyloid A protein is recognised in almost all
secondary amyloidosis and a part of genetic amyloidosis. This antibody
reacts with amyloid A protein, esp. His 37 to Arg 47 of the A protein
and, therefore, is useful for detection of secondary amyloidosis.(0/0)
C - C12P21/08 C12R1/91
DRL - 3102-R
IW - ANTI AMYLOID PROTEIN MONOCLONAL ANTIBODY DETECT SEC AMYLOIDOSIS
IKW - ANTI AMYLOID PROTEIN MONOCLONAL ANTIBODY DETECT SEC AMYLOIDOSIS
NC - 001
OPD - 1986-08-13
ORD - 1988-02-25
PAW - (KYOW) KYOWA HAKKO KOGYO KK
TI - Anti-amyloid-A protein monoclonal antibody - used esp. for detection
of sec. amyloidosis